

In the claims:

Please cancel claim 23 and amend claim 19 as shown. A marked-up version of the amended claims is in Appendix A at the end of this document. A clean version of all pending claims after the amendment is shown below:

CLEAN VERSION OF CLAIMS AFTER AMENDMENT

19. (Amended eight times) A method of assembling a multi-chip device comprising:

- populating a second surface of an interposer having a first surface and the second surface with a plurality of conductive pads;
- coupling solder balls to selected ones of the plurality of conductive pads;
- not coupling the solder balls to non-selected ones of the plurality of conductive pads;
- coupling a plurality of cache memory devices and at least one passive device to the first surface to form a multi-chip subassembly, wherein the at least one passive device is selected from a group consisting of resistors, capacitors, and inductors;
- testing said plurality of cache memory devices on said interposer;
- coupling said interposer to a substrate with the solder balls and coupling a microprocessor to the substrate after said testing if said plurality of cache memory devices pass said testing; and
- not coupling said interposer to the substrate and not coupling a microprocessor device to the substrate if said plurality of cache memory devices does not pass said testing.

21. (Amended three times) The method of claim 19 wherein the interposer comprises organic material.
22. (temporarily removed from consideration) (Amended once) The method of claim 19 wherein coupling at least one semiconductor die comprises a C4 process.
23. (Cancelled)
24. (temporarily removed from consideration) (Amended once) The method of claim 19 further comprising coupling a single chip carrier to the substrate.
25. (temporarily removed from consideration) (Amended once) The method of claim 19 wherein coupling at least one semiconductor die comprises coupling memory chips to the interposer.
26. (Amended once) The method of claim 19, further comprising:
creating a plurality of contacts on the substrate; and
electrically connecting said selected ones of the plurality of conductive pads to the plurality of contacts.